

What I claim is:

1. A transcutaneous immunization system, for immunizing a subject comprising:
a transcutaneous immunization formulation; said immunization formulation comprising at least one antigen, and
a marking formulation; said marking formulation comprising at least one chemical indicator, the presence of said indicator serving to provide a readily discernable indication of the use of said immunization formulation,
wherein said transcutaneous immunization system provides an antigen specific immune response in the subject following the application of said system to intact skin of said subject.
2. The immunization system of claim 1, wherein said immunization formulation further comprises an adjuvant.
3. The immunization system of claim 1, wherein said chemical indicator also acts as an adjuvant.
4. The immunization system of claim 1, wherein said indicator further provides an indication of the length of time to which said subject has been exposed to said immunization formulation.
5. The immunization system of claim 4, wherein said length of time is determinable by said indicator taking on a color, changing color, or losing the appearance of a color.
6. The immunization system of claim 4, wherein said antigen is two or more specific antigens and said at least one indicator provides a specific, distinctive, discernable indication for each of said two or more specific antigens.
7. The immunization system of claim 1, wherein said indication is discernable by visual or olfactory senses.
8. The immunization system of claim 1, wherein said indicator is formulated to deactivate said antigen after a specific time of exposure of said antigen to said subject.

9. The immunization system of claim 1, wherein said indicator provides an indication of the degree of hydration of the skin surface of the subject.
10. The immunization system of claim 2, wherein said indicator is associated with said antigen or adjuvant by covalent bonding, hydrophobic forces, Van der Waals or aggregated, or admixed.
11. The immunization system of claim 10, wherein said indicator is a florescent tag.
12. The immunization system of claim 1, wherein said indicator provides a discernable indication of specific antigen present in said immunization formulation, the time span of the immunization application, or the effectiveness of said immunization application.
13. The immunization system of claim 1, wherein said indicator is selected from the group consisting of dye, ink, vital stain, Evans blue, paint, natural colorings, oxides, chlorophyll, charcoals, chalks, powders, pH indicators, peroxidase triggered or enzyme triggered compound, florescent compound, radioactive tag, attached to beads, and gold particles.
14. The immunization system of claim 1, further comprising an applicator, said applicator being selected from the group consisting of a patch, cream, ointment, gel, and any combination thereof.
15. The immunization system of claim 10, wherein said applicator is a patch.
16. The immunization system of claim 15, wherein said patch comprises a controlled release reservoir, a matrix, or a rate controlling membrane for stepped release of said immunization formulation.
17. The immunization system of claim 1, wherein said subject is an animal.
18. The immunization system of claim 17, wherein said system is deliverable by means of an air gun.
19. The immunization system of claim 17, wherein said system is formulated to induce said animal to lick or smell said formulation from the application site on the skin.

20. The immunization system of claim 17, wherein said system is formulated to inhibit the animal from licking or smelling said formulation from the application site on the skin.
21. A method for eliciting an immune response from a subject by the application of an immunization system, said method comprising:
- applying an immunization formulation to at least one application site on the intact skin of a subject, said immunization formulation comprising at least one antigen; and
- applying a marking formulation to said at least one application site,
- wherein said method provides an antigen specific immune response in the subject following the application of said system to intact skin of said subject.
22. The method of claim 21, further comprising pre-treating said intact skin by tape stripping, washing, or swabbing with alcohol or acetone.
23. The method of claim 21, further comprising applying said method to more than one application site on said subject.
24. The method of claim 21, further comprising applying said method to a site overlying more than one draining lymph node.
25. The method of claim 21, wherein said antigen is selected from the group consisting of pathogen derived antigen, tumor antigen and autoantigen.